

Introduction: Analyst Role

Analysts are able to view and download all published reports for all programs within the EVM Central Repository (EVM-CR). This role is appropriate for Gov't DoD staff only.

This guide provides instructions for EVM-CR features accessible to Analysts.

- Obtaining an ECA Certificate
- Creating an EVM-CR Portal Account
- Accessing Data
- Understanding EVM-CR Reports and Metrics

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Getting Started: Certificate Requirements

All users are required to have a valid **CAC** (Common Access Card) or **ECA** (External Certificate Authority) Certificate in order to establish an account in the EVM-CR Portal.

ECA Certificates

- Type required: Medium Token Assurance Identity Certificate
- To locate approved certificate vendors, visit the ECA PKO Program Website at http://iase.disa.mil/pki/eca/Pages/index.aspx

Getting Started: Creating an Account

You will need: (1) an account in EVM-CR Portal and (2) the EVM-CR Submitter role.

- 1. EVM-CR Portal Account
 - Visit the EVM public site at https://www.acq.osd.mil/evm/ and select Request Account.

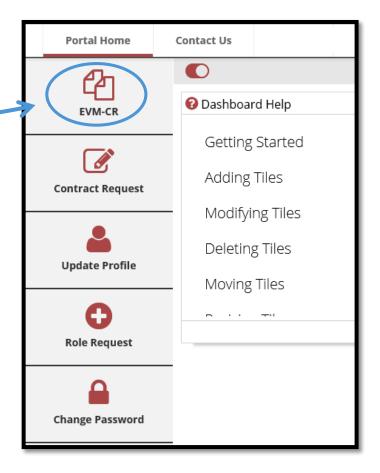


2. EVM-CR Submitter role

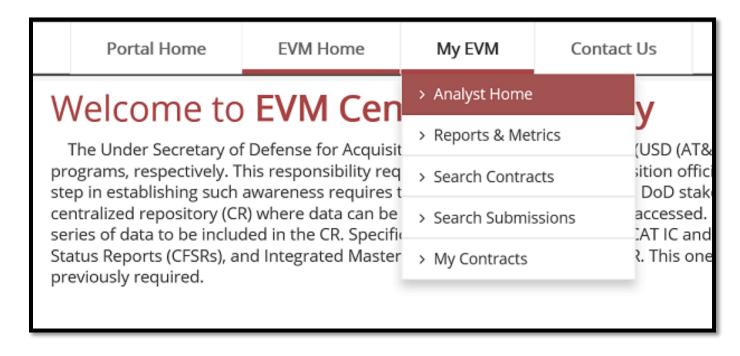
- If you are just now creating an account, request the EVM-CR Submitter role.
- If you already have an EVM-CR Portal account and only require the EVM-CR Submitter role added to your account, contact us at EVM-CRsupport@Tecolote.com.

Getting Started: Accessing the EVM-CR

Once your system access is approved, log in to the EVM-CR Portal and select the EVM-CR application.



Getting Started: EVM-CR Navigation



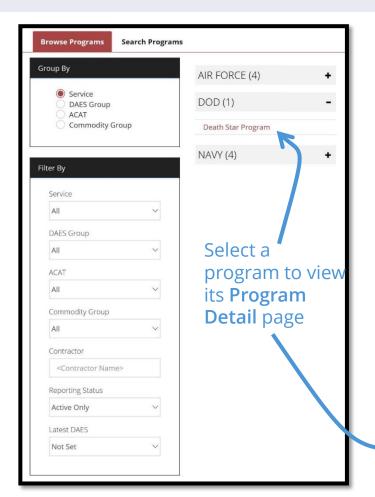
From the EVM-CR home page, select **My EVM** to find:

- Analyst Home: search or browse programs
- Reports & Metrics: charts related to reporting compliance and data quality
- Search Contracts
- Search Submissions

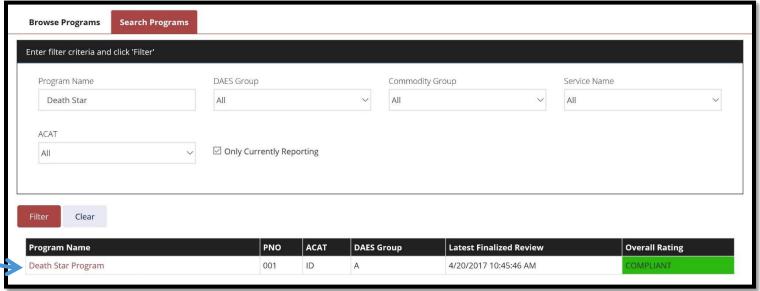


- Browse / Search Programs
- Program Detail

Analyst Home: Browse / Search Programs



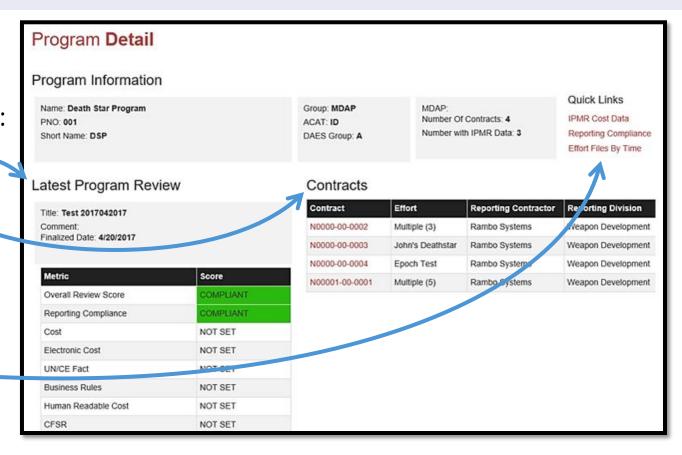
The **Analyst Home** page provides two tabs: **Browse Programs** for filtering through programs and **Search Programs** for looking for programs by name.



Analyst Home: Program Detail

The **Program Detail** page provides a summary and links to key information:

- Compliance scores from the most recent =
 AAP program review*
- List of the program's reporting contracts
- Links to:
 - IPMR Cost Data
 - Reporting Compliance report
 - Effort Files By Time



*These scores are the results from a quarterly review by AAP staff on each program with contracts that report to the EVM-CR.



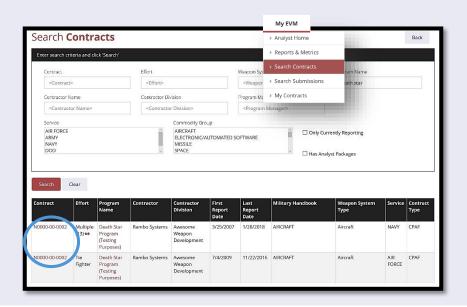
- Navigation
- Overview & Data Download
- Contract Summary
- O Data Views

- Reviewers & Submitters
- Received Submissions
- Contract Attachments
- Reporting Stream

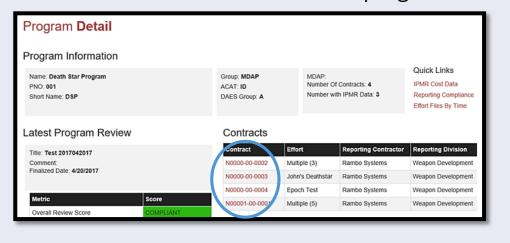
Contract Detail: Navigation

The Contract Detail page can be accessed in three ways:

1. Under **My EVM**, select **Search Contracts** to filter through contracts. Select a contract number to reach its **Contract Detail** page.



2. Search for the right program from **Analyst Home**. Then from the **Program Detail** page, select the contract number from the list of contracts for that program.



3. If the contract is one of your assigned contracts, its detail page can also be reached from **My Contracts**.

Contract Detail: Overview & Data Download

The **Contract Detail** page provides a centralized place to access a variety of information about the contract, including summary data, charts, reporting stream, etc.

If the Contract Detail page was reached through a search, Prev / Next buttons allow navigation through the search results



Full Data Retrieval (FDR): To download all periods of IPMR cost data for a contract effort in one package (including Format 6, Format 7, and DAMIR Milestones), select **Download IPMR Data Package** from the Actions dropdown.

> View Data Quality Issues> Report Data Quality Issue

> Reporting Compliance Report

Contract Detail: Contract Summary

Contract Summary

Data Views

Reviewers & Submitters

Received Submissions

Contract Attachments

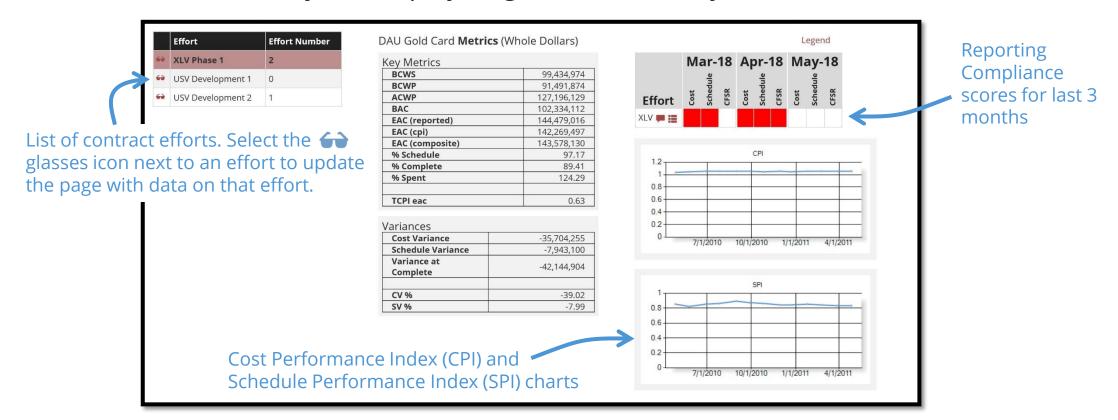
Reporting Stream

omments

Actions **→**

Links +

The **Contract Summary** tab displays high-level summary data about the contract.



Contract Detail: Data Views

Contract Summary

Data View

Reviewers & Submitters

Received Submissions

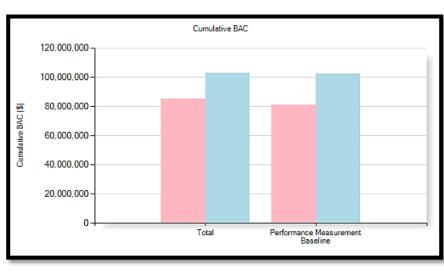
Contract Attachments

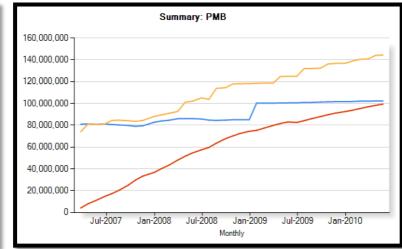
Reporting Stream

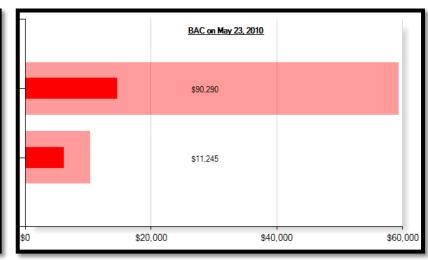
ments Actions -

Links +

The **Data Views** tab displays charts for the selected contract effort.







Element Performance Comparison

Compares WBS elements using a variety of metrics (BAC, BCWP, CPI, etc.)

Performance Over Time

Plots BAC, EAC, and BCWS over time

Budget Shifting

Compares WBS elements by change in BAC/EAC

Contract Detail: Reviewers & Submitters

Contract Summary

Data Views

Reviewers & Submitters

Received Submissions

Contract Attachments

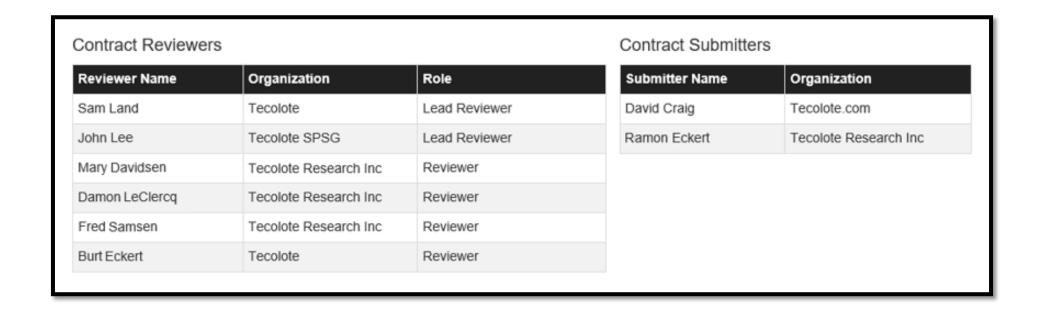
Reporting Stream

Comments

Actions -

Links -

The **Reviewers & Submitters** tab shows all users assigned to the contract and their roles.



Contract Detail: Received Submissions

Contract Summary Data Views Reviewers & Submitters

Received Submissions

Contract Attachments

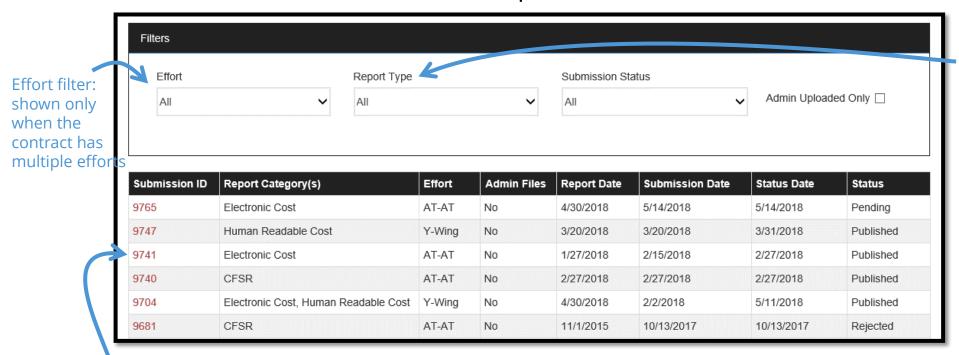
Reporting Stream

Comments

Actions -

Links -

The Received Submissions tab lists all published submissions on the contract.



Report categories:

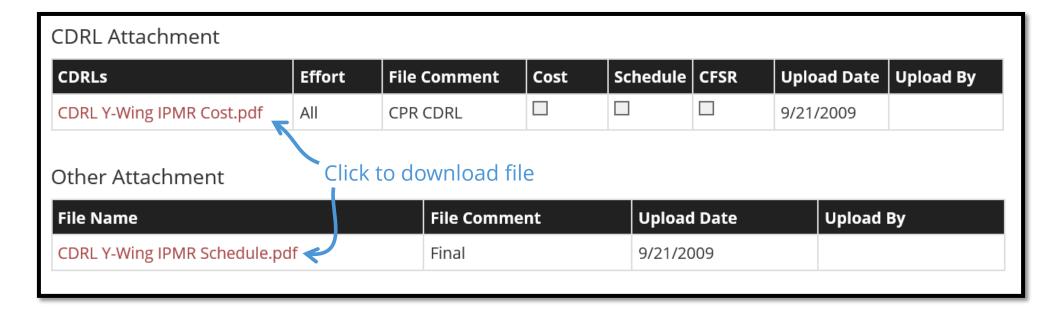
- Electronic Cost
- Human Readable Cost
- CFSR
- Format 6
- Native Schedule
- Format 7
- History

Select an ID# to see the Submission's **Detail** page, download files, and view data extracts.

Contract Detail: Contract Attachments

Contract Summary Data Views Reviewers & Submitters Received Submissions Contract Attachments Reporting Stream Comments Actions Links

The **Contract Attachments** tab contains any files relevant to the contract and reporting requirements. Form DD-1423 CDRL documents are housed here.



Contract Detail: Reporting Stream

Contract Summary Data Views Reviewers & Submitters Received Submissions

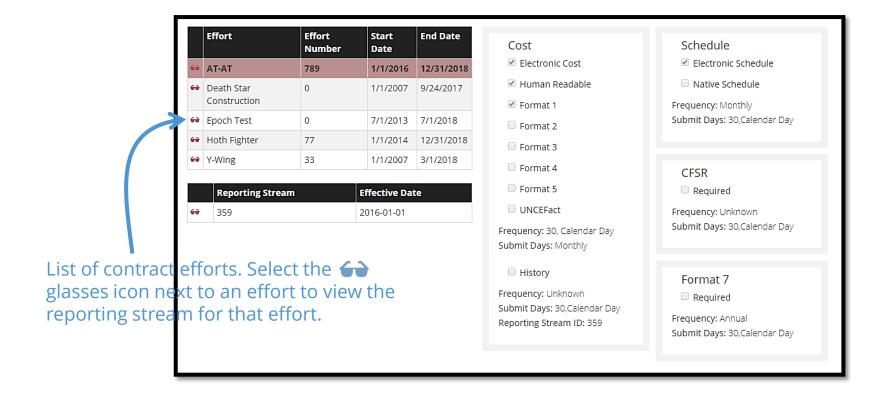
Submissions Contract Attachments

Reporting Stream

Comments Actions →

Links **→**

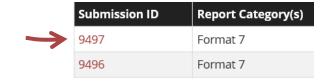
The **Reporting Stream** tab shows the reporting requirements for each contract effort.





- Submission Detail
- Submission IPMR
- Data Quality Validation Report
- Performance Over Time Chart

Submission Detail



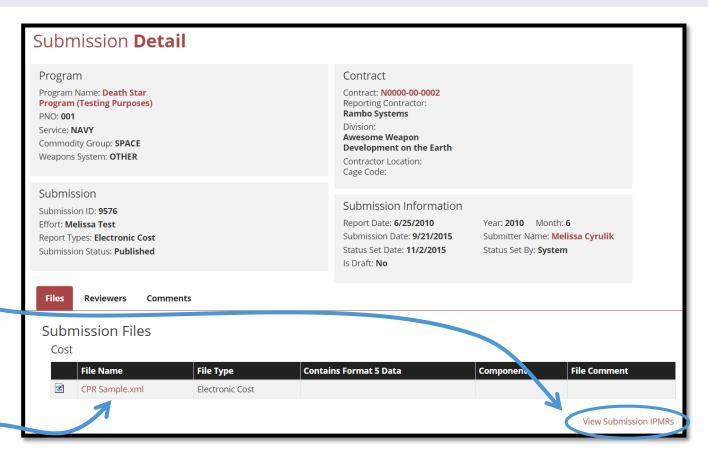
Contract Detail > Received Submissions tab > Submission Detail

The Submission Detail page displays information about the submission: current status, report types, dates, etc. This page is accessible from the Received Submissions tab on the Contract Detail page.

Select View Submission IPMRs to see:

- Data extracts from the electronic files
- Performance Over Time Chart
- Data Quality Validation Report

Click to download file



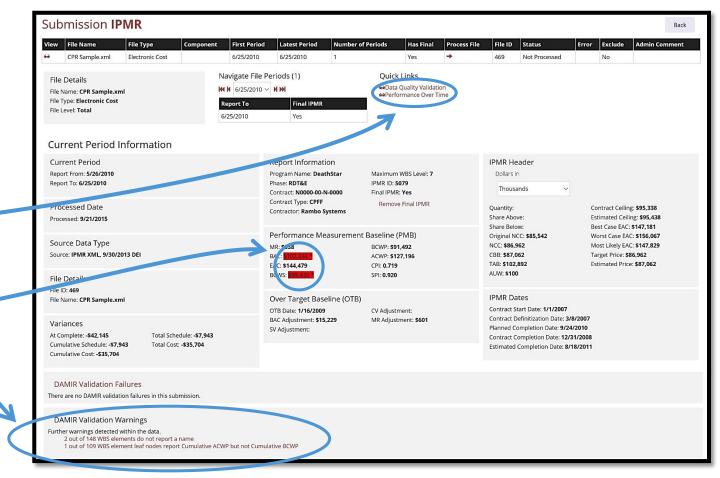
NOTE: Analyst access is limited to published submissions only.

Submission IPMR

Contract Detail > Received Submissions tab > Submission Detail > Submission IPMR

The **Submission IPMR** page shows data extracted from the electronic files.

- Click the Quick Links to open:
 - Data Quality Validation Report
 - Performance Over Time Chart
- Values flagged by the Data Quality test are highlighted in red
- Data Quality issues listed in red



Data Quality Validation Report

Quick Links

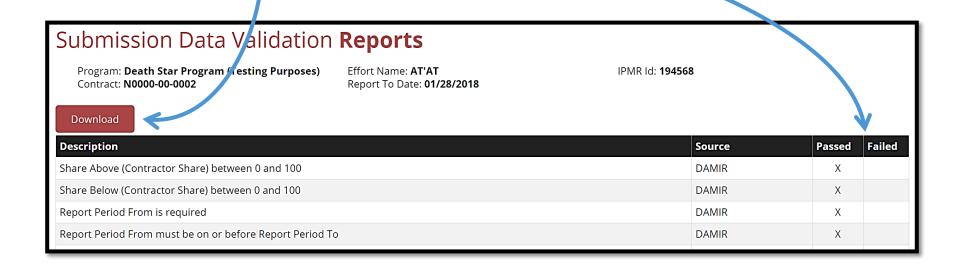
→ ⇔Data Quality Validation

Performance Over Time

Contract Detail > Received Submissions tab > Submission Detail > Submission IPMR > Data Quality Validation Report

The Data Quality Validation Report lists all data quality checks done on the Electronic Cost file.

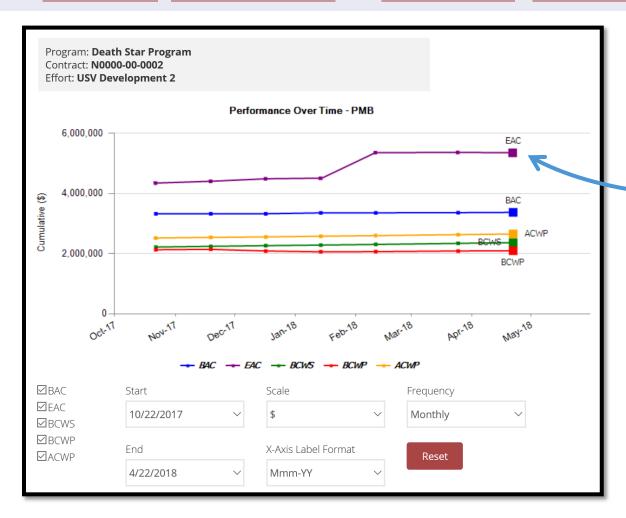
- Indication of Pass / Fail for each check -
- Option to download to Excel



Performance Over Time Chart



Contract Detail > Received Submissions tab > Submission Detail > Submission IPMR > Performance Over Time Chart



The **Performance Over Time Chart** displays Performance Measurement Baseline (PMB) values for all reports received on an effort.

- Values for the currently selected submission shown as large squares —
- Hover over any data point to see its underlying value

Reports & Metrics

- Navigation
- Reporting Compliance Report
- Formats Delivered Report
- Program Review Report
- O IPMR Cost Validation Rule Count Stoplight Report By Source

- IPMR Cost Validation Report
- O IPMR Cost Data Report
- EVM Reporting Dashboard
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Reports & Metrics: Navigation

Located under My EVM, Reports & Metrics offers a variety of reports, data views, and charts.



Reports & Metrics

Compliance Reports

- Reporting Compliance compares reporting requirements and reports delivered and provides a rating for each report type
- Formats Delivered provides ratings on delivery of IPMR formats 1-7 (electronic files only)
- Program Review detailed information on PARCAs quarterly program reviews reporting compliance and data quality
- IPMR Cost Validation provides error counts by contract effort
- IPMR Cost Validation Rule Count Stoplight Report By Source error counts broken out by effort and error type

Data Views

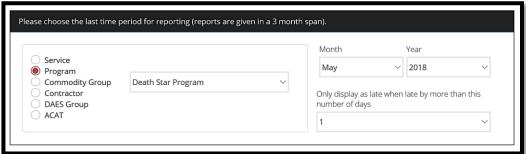
- IPMR Cost Data grid view of all level one data delivered by effort
- Performance Over Time chart displays key metrics over time by effort
- Ocontract Effort IPMR Cost Data grid view of key metrics delivered by effort on selected program group
- Effort Files by Time matrix by effort to determine files contributing to data views

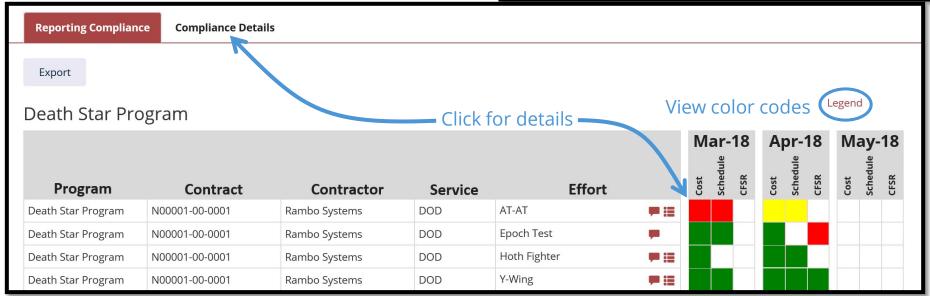
Other

- EVM Reporting Dashboard various reporting compliance and data quality charts
- O Document Packages access your requested admin created data packages

Reporting Compliance Report

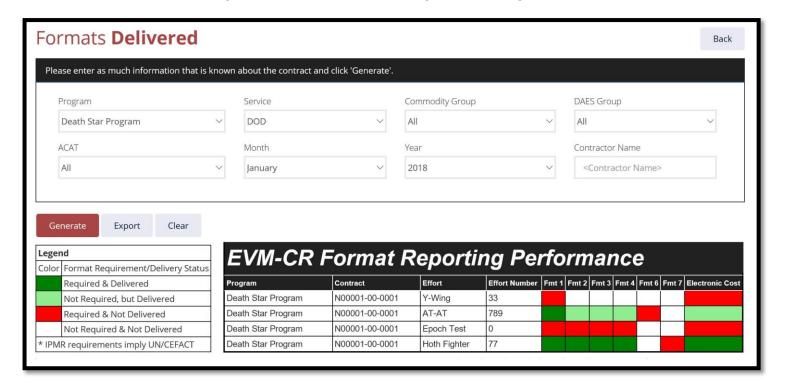
The Reporting Compliance Report shows high-level reporting compliance scores for each contract effort.





Formats Delivered Report

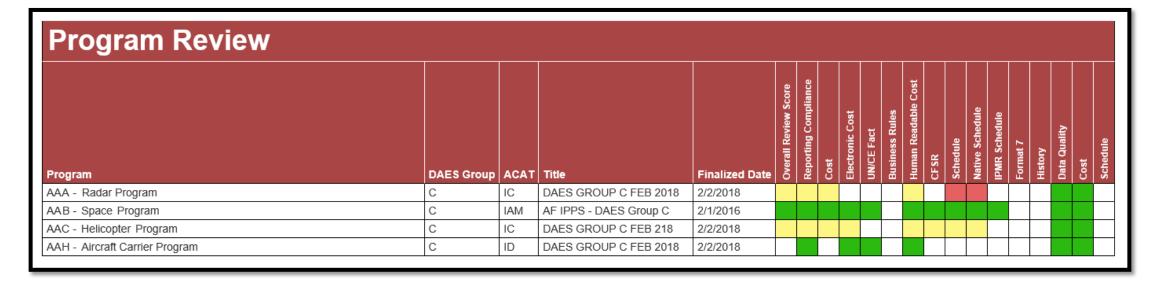
For each contract effort, the **Format Delivered Report** compares which report formats have been delivered vs. the report formats required by the contract.



Program Review Report

The **Program Review Report** displays program scores from quarterly AAP reviews of Reporting Compliance and Data Quality.





IPMR Cost Validation Report

The IPMR Cost Validation Report displays the latest four months of error counts for each contract effort.



Service	Program	Reporting Contractor Name	Contract Number	Effort	Four Months Ago	Three Months Ago	Two Months Ago	One Month Ago
DOD	GAFC - Ground/Air Flux Capacitor Program	DeLorean Motor Company	N96153-65-C- 1003	PROD 2/3	5	5	4	0
AIR FORCE	MFS - Millennium Falcon Spacecraft	Corellian Freight	FA6198-43-D- 6513	AMM DEV	7	6	6	0
ARMY	PH4 - Advanced Raygun Phaser Development	Roddenberry Systems	W5631P-11-B- 0041	PHASE 4	0	0	5	0
AIR FORCE	RASBRY - Radar Anti-Jamming Program	Bleeps Sweeps Creeps Inc (BSC)	FA3914-91-C- 3002	RASBRY 143	8	8	8	0
NAVY	SSY - Yellow Class Submarine	B-Tulls Corporation	N95611-32-C- 1015	EBD LRIP 8	6	0	0	0

IPMR Cost Validation Rule Count Stoplight Report

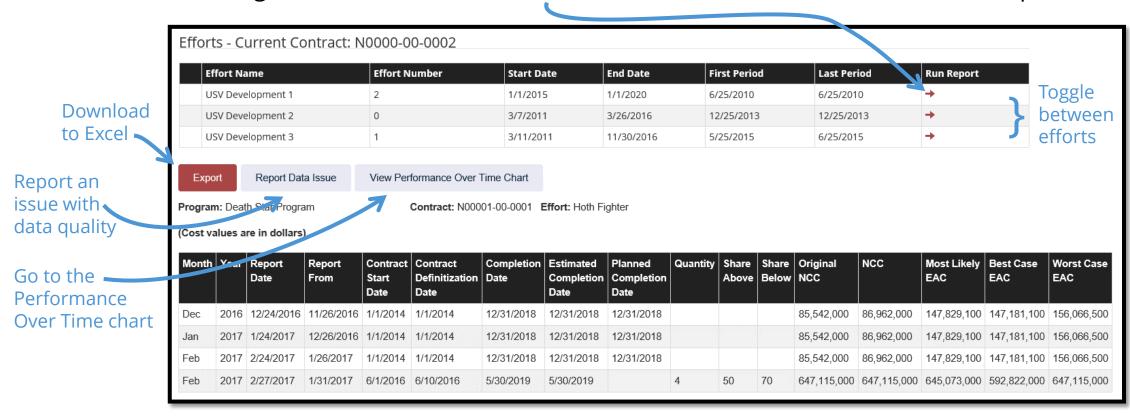
This report provides the number of errors in each contract effort's monthly IPMR Cost data.



IPMR	PMR Cost Data Validation Rules Stoplight Report					Feb 2018			Mar 2018				Apr 2018			
Service	Program	Contract	Contractor	Effort	DAMIR	EVM-CR	IPMRDID	EVM-CR Detail Level	DAMIR	EVM-CR	IPMRDID	EVM-CR Detail Level	DAMIR	EVM-CR	IPMRDID	EVM-CR Detail Level
AIR FORCE	Death Star Program	F00001-00-D-01	Global	Hawk EMD	0	0	1	0	0	0	1	0	0	0	1	0
DOD	Death Star Program	N00001-00-0001	Rambo Systems	AT-AT	0	0	0	2	0	0	0	2	0	0	0	2
DOD	Death Star Program	N00001-00-0001	Rambo Systems	Y-Wing	1	1	0	1	1	1	0	1	1	1	0	1
NAVY	Death Star Program	N636-9-D-0002	Global	Task 1	0	0	0	3	0	0	0	3	0	0	0	3

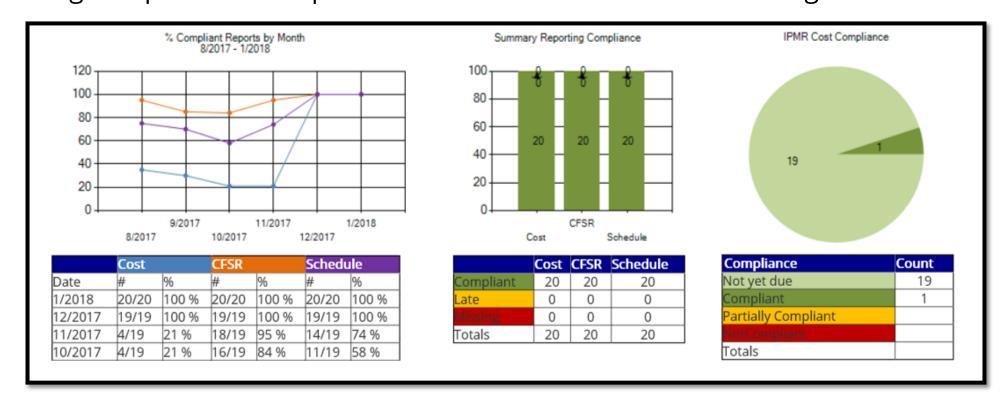
IPMR Cost Data Report

The **IPMR Cost Data Report** displays a table of Level 1 data extracted from the electronic cost files delivered for a given effort. Select the arrow icon for the desired effort to run the report.



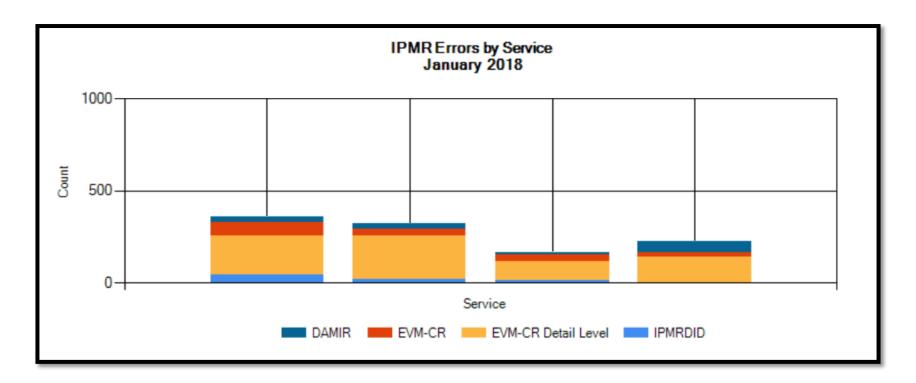
Dashboard: Reporting Compliance

The **Dashboard** provides high-level metrics of submissions to the EVM-CR as a whole, including compliance for expected submissions that are late/missing/on time.



Dashboard: IPMR Cost Errors by Service

Accessible from the **Dashboard**, the **IPMR Cost Errors by Service** report shows total number of errors in the electronic cost reports delivered to the EVM-CR for each service.



Dashboard: Rule Error Count Chart

Accessible from the **Dashboard**, the **Rule Error Count Chart** shows a detailed count of errors on the electronic cost files submitted to the EVM-CR, broken out by error type.

